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Transmitted herewith for filing is the Patent Application of:

Inventors: Ponani Gopalakrishnan, Dimitri Kanevsky, Michael D. Monkowski
and Jan Sedivy

For: SYSTEM AND METHODS FOR ACOUSTIC AND LANGUAGE MODELING
FOR AUTOMATIC SPEECH RECOGNITION WITH LARGE VOCABULARIES

Enclosed are:

☒ Seven (7) Sheets of informal Drawings.

☐ An assignment of the invention to International Business Machines
Corporation, Armonk, New York 10504.

☐ Certified copy of

☒ Unsigned Declaration and Power of Attorney is attached to the
application.

☐ Associate Power of Attorney.

☐ Information Disclosure Statement with form PTO-1449 with references
attached.

The filing fee has been calculated as shown below:

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TOTAL CLAIMS	47- 20 =	27	X \$ 18 =	\$ 486.00
INDEP CLAIMS	4 - 3 =	1	X \$ 78 =	\$ 78.00
MULTIPLE DEPENDENT CLAIM PRESENTED			+ \$ 260=	\$ 0.00
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☒ Any additional filing fees required under 37 CFR 1.16.

☒ Any patent application processing fees under 35 CFR 1.17.

Respectfully submitted,

By

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JCS42 U.S. PTO
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: P. Gopalakrishnan et al

Serial No.:

Group No.

Filed: Herewith

Examiner:

For: SYSTEM AND METHODS FOR ACOUSTIC AND LANGUAGE MODELING
FOR AUTOMATIC SPEECH RECOGNITION WITH LARGE VOCABULARIES

Assistant Commissioner for Patents and Trademarks

Washington, D.C. 20231

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I hereby certify that the attached paper or fee

Patent Application Transmittal Letter (original and one copy)

Patent Application

Declaration and Power of Attorney (unsigned)

Informal Drawings (7 Sheets)

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Docket No. YO998-152